

A REQUEST FOR PROPOSAL FOR PROFESSIONAL SERVICES CONTRACT

Department of Highways
Professional Services Procurement Bulletin 2022-06
Allen | 3-8902 | KY-98
Monroe | 3-8954 | KY-63
Simpson | 3-80106 | KY-1008

This document constitutes a Request for Proposals for a Professional Service Contract from qualified individuals and organizations to furnish those services as described herein for the Commonwealth of Kentucky, Department of Highways.

I. PROJECT DESCRIPTION

County - Allen
Route - KY-98
Item No. - 3-8902.00
Project Description - Reconstruct 1.0 mile east of bridge over Barren River Lake to correct vertical and horizontal deficiencies, MP 9.85 to MP 10.25

County - Monroe
Route - KY-63
Item No. - 3-8954.00
Project Description - Reconstruct intersection of KY 63 and Poplar Log Church Road, MP 10.5 to MP 10.6

County - Simpson
Route - KY-1008
Item No. - 3-80106.00
Project Description - Add a turn lane on the west leg of KY 1008 at the US 31W intersection, MP 2.13 to MP 2.28

II. PROJECT INFORMATION

Project Manager - Jim Hudson, P.E.
User Division - Highway Design
Approximate Fee - \$750,000 – Preliminary, Final, & Environmental Services (Lump Sum)
3-8902 – \$275,000
3-8954 – \$250,000
3-80106 – \$225,000
Project Funding - State Funds (SPP Funds)
Project Length - 3-8902 – Approximately 0.40 miles
3-8954 – Approximately 0.10 miles
3-80106 – Approximately 0.15 miles

III. PURPOSE AND NEED

- 3-8902
KY 98 is a rural major collector route that connects the rural communities along the corridor to the cities of Scottsville and Fountain Run (and also extending to Gamaliel and Tompkinsville). It is a AA truck route that is vital for the transportation of freight (Dollar General/CPC). This section currently experiences 10.52% truck traffic. The purpose of this project is to improve safety and mobility for drivers (mainly focused on freight) at this horizontal curve on this corridor.
- 3-8954
KY 63 between MP 10.5 and 10.6 is part of a two lane facility that provides connection for rural northwest Monroe county citizens and farm operation to the city of Tompkinsville. This route also provides a secondary linkage between Tompkinsville and the city of Glasgow. The area is generally rural in nature. The vertical crest curve immediately north of the intersection of Poplar Log Church Road with KY 63 has created a sight distance and safety concern. The purpose of this project is to improve safety and mobility for drivers by addressing the vertical geometric deficiency immediately north of the intersection of Poplar Log Church Road with KY 63.
- 3-80106
KY 1008 is an urban minor arterial route that connects the southwestern residents of Simpson County to the city of Franklin. The western leg of KY-1008 is a AA truck route that is vital for the transportation of freight. This leg currently experiences 14.87% truck traffic. The purpose of this project is to reduce congestion and improve safety and mobility for drivers on KY 1008 at the intersection with US-31W.

IV. DBE REQUIREMENT

None

V. SCOPE OF WORK

The selected Consultant will be required to provide Preliminary & Final Engineering and Environmental Services. Preliminary Engineering includes surveying, line and grade plans, traffic engineering analysis as per Design Memo 03-11, preparation of engineering studies, identification of appropriate typical sections, identifying any utility impacts, performing preliminary drainage design, developing dependable cost estimates and conducting and preparing documents for public meetings.

Upon the completion of Preliminary Engineering the selected Consultant will then be required to provide engineering services to perform Final Roadway Design, including but not limited to the preparation of any design studies, drainage design, right-of-way plans, construction plans including storm water construction and post construction Best Management Practices (BMP), signing and pavement marking plans, traffic control plans, and final cost estimates as well as any other services that KYTC chooses not to perform with in-house forces.

VI. SPECIAL INSTRUCTIONS

Instructions for Response to Announcement can be found at:

<https://transportation.ky.gov/ProfessionalServices/Pages/Respond-to-an-Announcement.aspx>

KYTC will allow the following modifications to the standard response format for response to this project advertisement only.

- Section 7 (A-C): Project Approach, may be expanded not to exceed 5 pages total (A-E)

The Department may retain any of the advertised services to be performed by in-house state forces.

VII. AVAILABLE STUDIES

[DNA Studies – Allen | 3-8902 | KY-98 / Monroe | 3-8954 | KY-63 / Simpson | 3-80106 | KY-1008](#)

VIII. METHOD OF DESIGN

The selected Consultant shall utilize the most recent CADD Standards for Highway Plans Policy in the development of the highway plans. Refer to the 2019 CADD Standards for ORD V4 Project Development Memo for information pertaining to the latest CADD Standards and plan submittal.

IX. ENVIRONMENTAL SERVICES

Any necessary Environmental Services are expected to be provided by the Consultant. The anticipated environmental document will be a Categorical Exclusion Level 1. Prequalification of various Environmental Services are required to be identified in the Consultant's Response to Announcement.

X. PHOTOGRAMMETRIC SERVICES

The selected Consultant will be required to obtain all surveying necessary for the projects.

XI. STRUCTURE DESIGN

The Department is expected to provide any necessary Structure Design but the selected Consultant may be asked to provide Structure Design required for the projects. Prequalification in the area of Structure Design is not required to be identified in the Consultant's Response to Announcement. The selected Consultant must obtain the required qualifications before providing these services, or bring a prequalified subconsultant at that time.

XII. GEOTECHNICAL SERVICES

The Department is expected to provide all Geotechnical Services but the selected Consultant may be asked to provide Geotechnical Services required for the projects. At any time, if the Department has the capacity to provide these services, the Department may retain the advertised geotechnical services. Prequalification in the area of Geotechnical Services is not required to be identified in

the Consultant's Response to Announcement; however, the selected Consultant must obtain the required qualifications before providing these services, or bring a prequalified subconsultant at that time.

XIII. TRAFFIC ENGINEERING

The Department is expected to provide all traffic projections and related information. Prequalification in the area of Traffic Engineering is not required to be identified in the Consultant's Response to Announcement; however, the selected Consultant must obtain the required qualifications before providing these services, or bring a prequalified subconsultant at that time.

XIV. UTILITIES

The selected consultant will authorize B.U.D. (Before You Dig) to field-locate utilities during final design. The consultant shall perform field surveys to collect the B.U.D. data. Horizontal location of existing utilities shown on final plans shall be adjusted as necessary to reflect actual B.U.D. locates.

XV. PREQUALIFICATION REQUIREMENTS

To respond to this project the Consultant must be prequalified in the following areas by the response due date of this advertisement:

Environmental & UST Services

- UST & Hazmat Preliminary Site Assessment (Phase 1)
- *UST Closure Assessment* (please see note below)*
- *Hazmat Corrective Action* (please see note below)*
- *UST Site Investigation (Phase 2)* (please see note below)*
- *Hazmat Site Investigation (Phase 2)* (please see note below)*
- *UST Corrective Action* (please see note below)*

Environmental Aquatic & Terrestrial Ecosystems Analysis

- Fisheries
- Botany
- Terrestrial Zoology
- Wetlands
- Freshwater Macroinvertebrates
- Water Quality

Environmental Archeology & Other Services

- Air Quality Analysis
- Prehistoric Archaeology
- Socio-Economic Analysis
- Highway Noise Analysis
- Historic Archaeology
- EIS Writing & Coordination
- Cultural-Historic Analysis
- Stream & Wetland Mitigation

Roadway Design

- Rural Roadway Design
- Surveying

Geotechnical Services* (please see note below)

- Geotechnical Engineering
- Geotechnical Drilling
- Geotechnical Laboratory Testing

Structure Design* (please see note below)

- Spans Under 500 Feet

Traffic Engineering* (please see note below)

- Traffic Engineering

Note – *UST Closure Assessment, Hazmat Corrective Action, UST Site Investigation (Phase 2), Hazmat Site Investigation (Phase 2), UST Corrective Action, Structure Design, Geotechnical Services, and Traffic Engineering prequalifications are not required with the initial proposal as it is uncertain to the extent practicable if they are necessary. Should these services become necessary during the delivery of the project in this or future phases, the selected Consultant team must obtain the required qualifications before providing those services, or bring on a prequalified subconsultant at that time.*

XVI. PROCUREMENT SCHEDULE

Dates other than Response Date are tentative and provided for information only.

- Advertisement Date: December 14, 2021
- Response Date: January 12, 2022 by 4:30 PM ET (Frankfort Time)
- First Selection Meeting: January 18, 2022
- Final Selection: February 2, 2022
- Pre-Design Conference: February 9, 2022
- Consultant Fee Proposal: February 18, 2022
- Contract Negotiations: March 2, 2022
- Notice to Proceed: March 23, 2022

XVII. PROJECT SCHEDULE

- Conceptual Alternatives Meeting July 1, 2022
- Preliminary Line & Grade Inspection September 1, 2022
- Design Executive Summary October 1, 2022
- Joint Inspection February 1, 2023
- Right of Way Plans April 1, 2023
- Final Plans October 1, 2023

XVIII. EVALUATION FACTORS

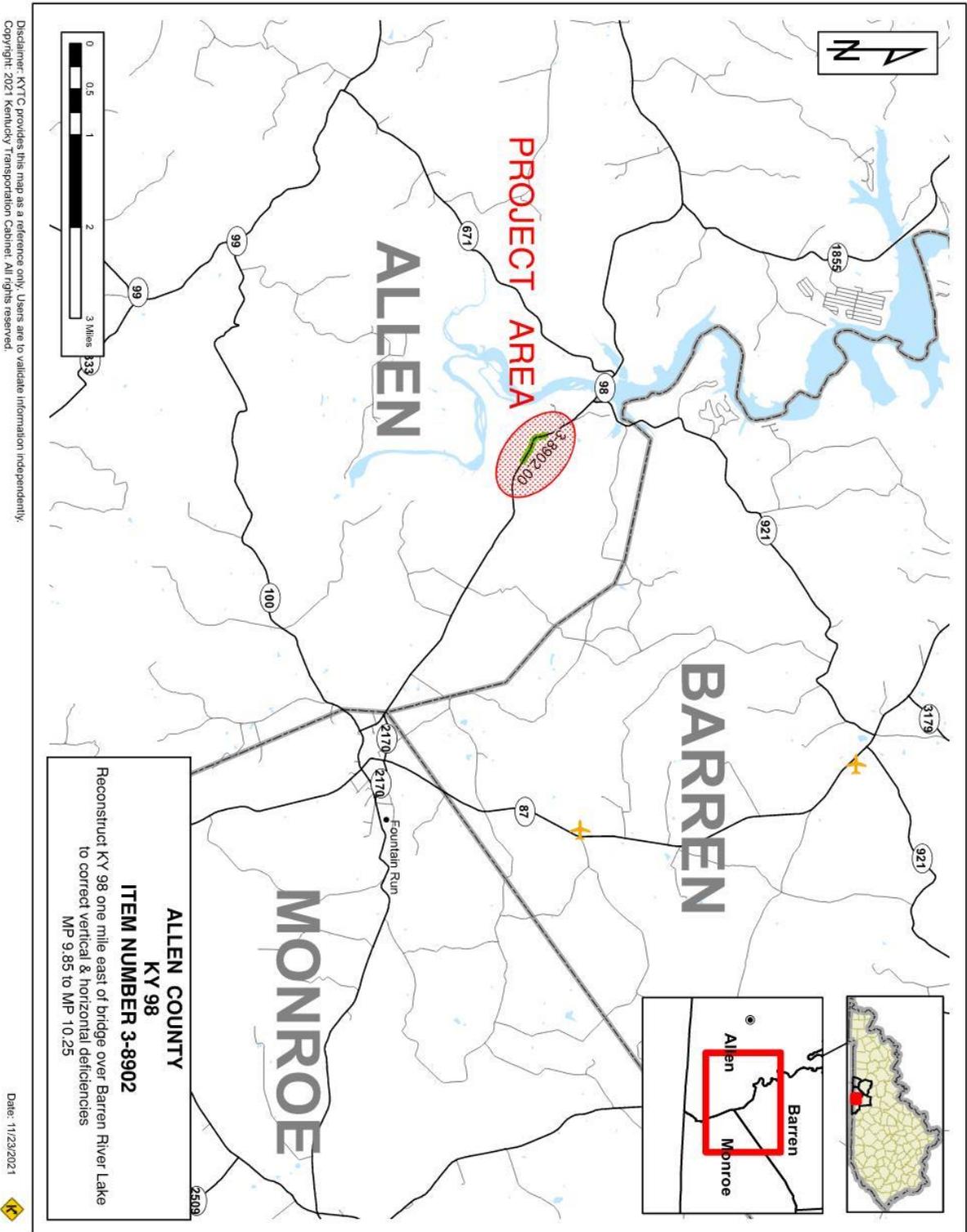
Consultants will be evaluated by the selection committee based on the following, weighted factors:

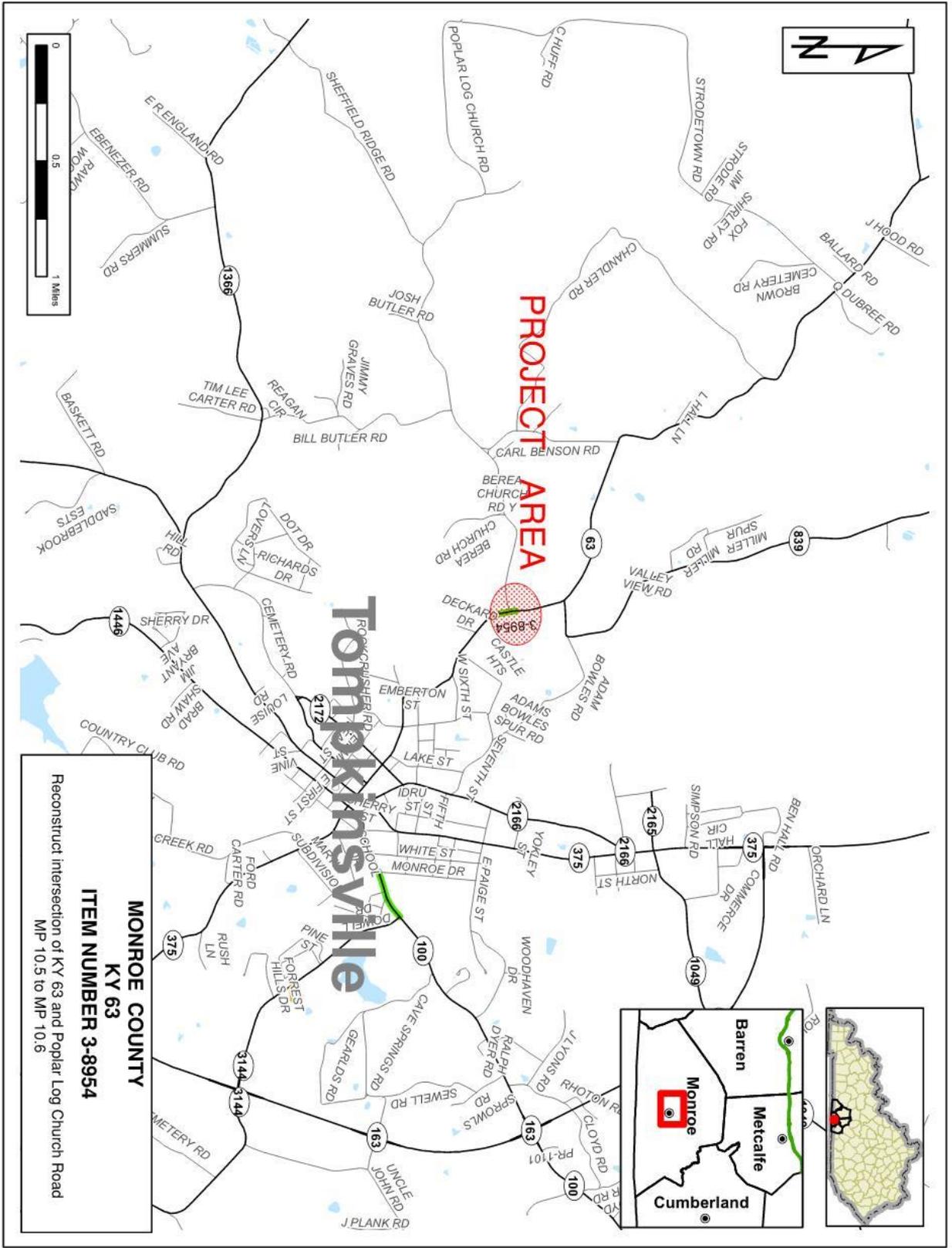
1. Project approach and proposed procedures to accomplish the services for the project. (20 Points)
2. Relative experience of consultant personnel assigned to project team with highway project for KYTC and/or federal, local or other state governmental agencies. (15 Points)
3. Past record of performance on projects similar in type and complexity. (15 Points)
4. Capacity to comply with project schedule. (10 Points)
5. Knowledge of the locality and familiarity of the general geographic area. (2 Points)

XIX. SELECTION COMMITTEE MEMBERS

1. Jim Hudson, P.E., User Division
2. Tonya Higdon, P.E., User Division
3. Charlie Dale, P.E., Secretary's Pool
4. David Erickson, P.E., Secretary's Pool
5. Cindy Evensen, Governor's Pool

XX. AREA MAP

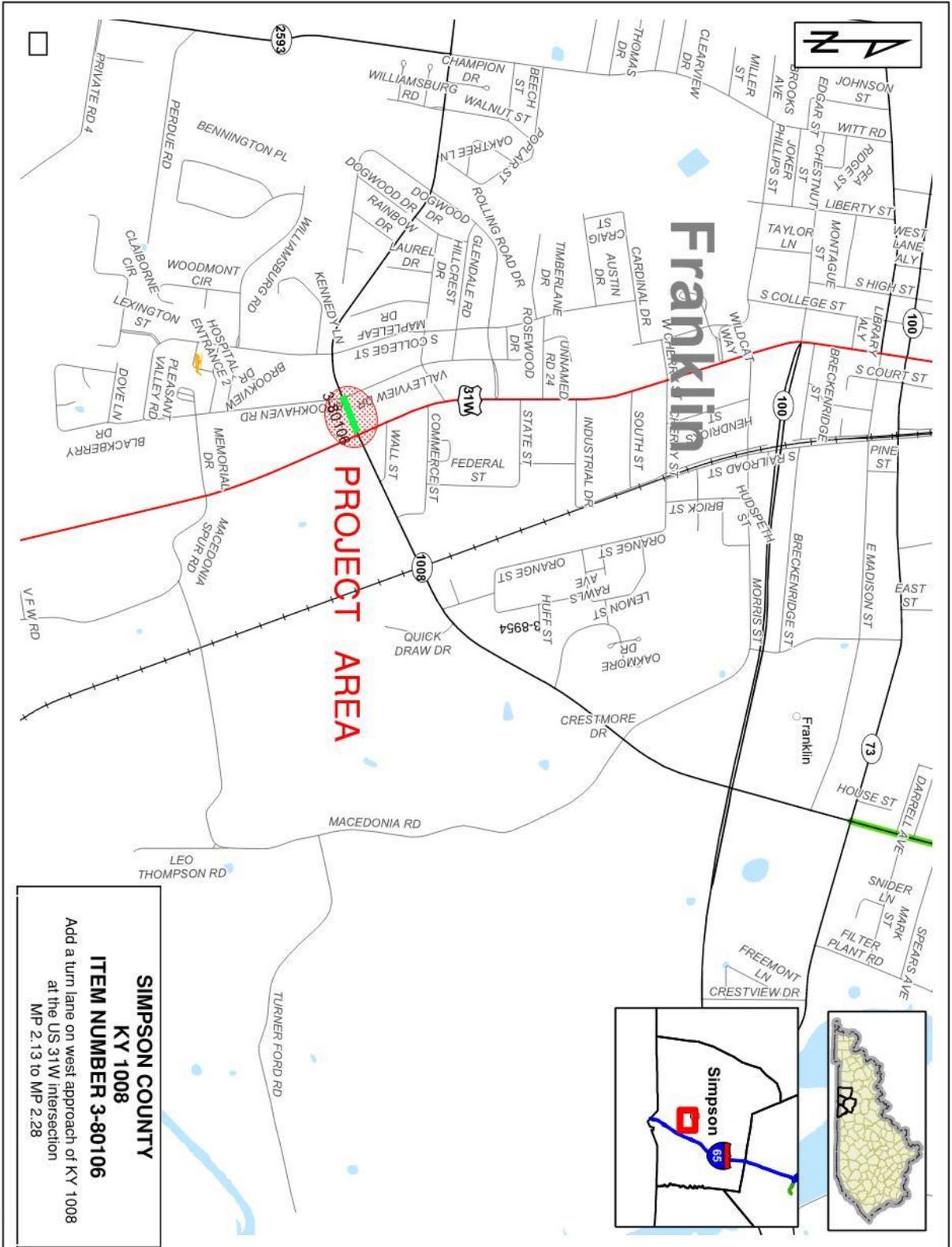




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Date: 11/23/2021





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